

**METHOD, SYSTEM, AND APPARATUS FOR UTILIZING
COMPRESSED PROGRAM CODE IN THE BOOT BLOCK
PORTION OF A COMPUTER BIOS**

5

Abstract

A computer program product is provided that is readable by a computing system and encoding a computer program of instructions. The computer program product includes a hardware protected region that is utilized to store a portion of a computer BIOS. The BIOS includes a compressed computer program for restoring at least a portion of the computer BIOS when uncompressed and executed. The computer program product also includes a non-hardware protected region that is utilized to store the remainder of the computer BIOS. The hardware protected region may include an uncompressed computer program that may be utilized to uncompress the compressed program. The hardware protected region may also include an uncompressed program for detecting and initializing one or more memory devices within the computer system. Methods and apparatus are also provided for creating and utilizing the contents of the computer program product.